Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 10/9/2013	Man Days: 2
Inspection Unit: Kewanee	<u>.</u>
Location of Audit: Kewanee	
Exit Meeting Contact:	
Inspection Type: Standard Inspection - Record Audit	
Pipeline Safety Representative(s): Donald Hankins, Kevin Hecker	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty	
	Peoria, IL 61602	
	Emergency Phone#:	
	Fax#:	
Official or Mayor's Name:	Ron Pate	
	Phone#: (217) 424-6518	
	Email:	
Inspection Contact(s)	Title	Phone No.

Gas System Operations	Status
Gas Transporter	Panhandle Eastern
Annual Report (Form 7100.1-1) reviewed for the year:	Not Checked
General Comment:	•
The annual report is reviewed in the Pawnee office	
Unaccounted for Gas	Not Checked
General Comment:	•
Unaccounted for gas is part of the annual report and is reviewed in the Pawnee office	
Number of Services	Not Checked
General Comment:	

The number of services is part of the annual rep	oort and is reviewed in the Pawnee office	
Miles of Main		Not Checked
General Comment:		
Miles of main is part of the annual report and is	reviewed in the Pawnee office	
Is the operator maintaining documenta	tion verifying their Maximum Allowable Operating Pressure(s)? (MAOP)	Satisfactory
General Comment:		
Documentation of MAOP is maintained on regula	ator inspection sheets.	
Operating Pressure (Feeder)		various
Operating Pressure (Town)		various
Operating Pressure (Other)		various
MAOP (Feeder)		various
MAOP (Town)		various
MAOP (Other)		various
Does the operator have any transmissi	ion pipelines?	Yes
General Comment:		
Transmission pipeline in this area is maintained	by a technical services group out of Decatur.	
Re	egulatory Reporting Records	Status
Category Comment:		
Regulatory Reporting Records are kept in the Pa	awnee office.	
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Checked
[191.9(a)]	Was a DOT Incident Report Form F7100.1 submitted within 30 days after detection of an incident?	Not Checked
[191.9(b)]	Were any supplemental incident reports submitted when deemed necessary?	Not Checked
Did the operator have any plastic pipe failures in the past calendar year?		Not Checked
Did the operator take action to mitigate components?	e safety concerns relating to the failure of the PE or pipeline	Not Checked
[191.23(a)]	Did the operator report Safety Related Conditions?	Not Checked
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Checked
[192.16(c)]	Customer Notification: Has the operator notified each new	Not Checked

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	customer within 90 days about the customer's responsibility regarding buried piping, however, operators of a master meter may continuously post a general notice in a permanent location?	
[	DRUG TESTING	Status
Refer to Drug and Alcohol Inspection Forms a	nd Protocols	Not Checked
General Comment:		
Drug records were inspected in 2011 at the St. Louis gene	eral office building headquarters.	
TES	T REQUIREMENTS	Status
[192.517(a)][192.505,192.507,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	Satisfactory
General Comment:		
Pressure tests on piping above 100 psig are recorded on	the gas leak field report and service cards.	
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	Satisfactory
General Comment:		
Records are being maintained for 5 years.		
[192.603(b)][192.725]	Were service lines temporarily disconnected from the main properly tested prior to reconnection?	Satisfactory
General Comment:		
Lines that are temporarily disconnected from the main are	e pressure tested prior to reconnection.	
	UPRATING	Status
Category Comment:		
No uprating was conducted in 2011 or 2012 in the Kewan	ee territory.	
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	Not Checked
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	Not Checked
OPERATIONS		Status
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	Not Checked
General Comment:		
O&M manual reviews are conducted at the Pawnee opera	ating center.	

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Has the operator conducted a review o	f the Operator Qualification Plan once per yr/15 months?	Not Checked
General Comment:		
OQ Plan reviews are conducted at the Pawnee of	pperating center.	
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	Satisfactory
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	Satisfactory
CONTIN	UING SURVEILLANCE RECORDS	Status
[192.603(b)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	Not Checked
General Comment:		
These records are kept in the Decatur operating	center.	
[192.491][192.489]	Does the operator have records verifying if exposed cast iron was examined for evidence of graphitization and if necessary what appropriate action was taken concerning graphitization?	Not Applicable
General Comment:		
There is no cast iron piping in the Ameren Kewa	nee territory.	
[192.603(b)][192.755]	Does the operator have surveillance records of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leak history, or any other unusual operating and maintenance conditions?	Not Applicable
General Comment:		
There is no cast iron piping in the Ameren Kewa	nee territory.	
[192.603(b)][192.753(a)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of more than 25 (psig.) sealed as required?	Not Applicable
General Comment:	<u> </u>	
There is no cast iron piping in the Ameren Kewa	nee territory.	
[192.603(b)][192.753(b)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of 25 (psig.) or less and is exposed for any reason sealed as required?	Not Applicable
General Comment:	•	
The operator qualification records are kept in the	Pawnee operating center.	

QUALIFICA	ATION OF PIPELINE PERSONNEL	Status
Refer to operator Qualification Inspection	Forms and Protocols	Not Checked
General Comment:		
The operator qualification records are kept in the Po	awnee operating center.	
DAMA	GE PREVENTION RECORDS	Status
[192.603(b)][191.11(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	Not Checked
General Comment:		
These records are kept in the Belleville operating of	enter.	
Has the number of damages increased o	r decreased from prior year?	Not Checked
General Comment:		
These records are kept in the Belleville operating of	enter.	
[192.603(b)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	Not Checked
General Comment:	<u> </u>	
These records are kept in the Belleville operating of	enter.	
[192.603(b)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Not Checked
General Comment:	<u> </u>	
These records are kept in the Belleville operating of	enter.	
Does the operator have a Quality Assura facilities?	nce Program in place for monitoring the locating and marking of	Not Checked
General Comment:		
These records are kept in the Belleville operating of	enter.	
Do pipeline operators include performance measures in facility locating contracts?		Not Checked
General Comment:		
These records are kept in the Belleville operating of	enter.	
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? http://www.icc.illinois.gov/julie/	Not Checked
General Comment:		
Third party damages are reported to the Pawnee of	perating center.	

Unless otherwise noted, all code references are to 49CFR Part 192. If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Has the Operator adopted applicable section of the Common Ground Alliance Best Practices?		Not Checked
General Comment:		
Common Ground Alliance best practices are kep	ot in the Pawnee operating center.	
no, were Common Ground Alliance E	Best Practices discussed with Operator?	No
General Comment:		
Common Ground Alliance was not discussed wi	th the operator.	
	EMERGENCY PLANS	Status
192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Satisfactory
General Comment:	<u> </u>	
ach supervisor is furnished with a copy of the l	atest emergency plan.	
192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	Not Checked
General Comment:	<u> </u>	
hese records are being kept in the Pawnee ope	erating center.	
192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	Not Checked
General Comment:	<u> </u>	
hese records are kept in the Pawnee operating	center.	
192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	Not Checked
General Comment:		
hese records are kept in the Pawnee operating	center.	
192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	Satisfactory
General Comment:	· · · · · · · · · · · · · · · · · · ·	
mergency response times all met the requirem	ents for 2011-2012. No response times went over the one hour time limit.	
PUBLIC A	WARENESS PROGRAM - RECORDS	Status

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Unless otherwise noted, all code references are to 49CFR Part 192. If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Refer to Public Awareness Program In:	spection Forms and Protocols	Not Checked
General Comment:		
The Public Awareness Program is kept in the Pa	awnee Operating Center.	
	ODORIZATION OF GAS	Status
[192.603(b)][192.625(f)]	Has the operator maintained documentation of odorant concentration level testing using an instrument?	Satisfactory
General Comment:		
Ameren Kewanee utilizes a Heath Odorometer f	for testing odorant concentration levels.	
[192.603(b)][192.625(e)]	Has the operator maintained documentation of odorizer tank levels?	Satisfactory
General Comment:	·	
Ameren Kewanee was able to provide records s	howing odorant tank readings.	
[192.603(b)][192.625(f)(1)]	Are master meter operators receiving written verification of odorant concentration levels from their gas supplier?	Not Applicable
General Comment:	·	
Ameren Kewanee is not a master meter operato	r.	
[192.603(b)][192.625(f)(2)]	Has the master meter operator maintained documentation of sniff tests performed as required by this section?	Not Applicable
General Comment:		
Ameren Kewanee is not a master meter operato	r.	
PATE	ROLLING & LEAKAGE SURVEY	Status
[192.603(b)][192.721(b)(1)]	Is the operator patrolling business districts at a minimum of 4 per year/4 1/2 months?	Not Applicable
General Comment:		
No critical patrols were required for the business	s district.	
[192.603(b)][192.721(b)(2)]	Is the operator patrolling outside business districts at a minimum of 2 per year/7 1/2 months?	Not Applicable
General Comment:		
There are no mains on structures or in areas wh	ere physical movement is anticipated.	
[192.603(b)][192.723(b)(1)]	Is the operator performing leakage surveys in business districts at a minimum of 1 per year/ 15 months? If the operator has inside meter sets that meet this criterion then were those surveyed?	Satisfactory
General Comment:		
Leaks surveys were conducted in 2012.		

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Unless otherwise noted, all code references are to 49CFR Part 192. If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.603(b)][192.723(b)(2)]	Is the operator performing leakage surveys outside a business district at a minimum of every 5 years/63 months? Is the operator performing leakage surveys on cathodically unprotected pipelines at a minimum of every 3 years/39 months? If the operator has inside meter sets that meet this criterion then were those surveyed? If the operator has yard lines then are those being surveyed?	Satisfactory
General Comment:  Ameren Kewanee actually conducts leak surveys on a 4-year	cycle instead of the required 5-year cycle	
	IES - RESIDENTIAL	Status
Category Comment:	ILO - REGIDENTIAL	
Yard line records were checked in 2010 and not part of this a	udit of records for 2011 and 2012.	
[220 ILCS 2.2.03]	Has the operator designated and documented the location of all services where the meter is located more than 3 feet away from the wall of a residence?	Not Checked
[192.463,220 ILCS 2.2.03][220 ILCS 2.2.03]	Has the operator determined if cathodic protection is required on these services?	Not Checked
[192.723(b)(1),192.723(b)(2)][220 ILCS 2.2.03]	After the determination of the cathodic protection requirements, has the operator surveyed each line within the required leakage survey intervals?	Not Checked
ABANDONMENT or DEACTIVE	VATION of FACILITIES PROCEDURES	Status
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	Not Applicable
General Comment:	·	
General Comment:  There were no mains abandoned or deactivated in the Amere	n Kewanee territory.	
	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Not Applicable
There were no mains abandoned or deactivated in the Amere	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and	Not Applicable
There were no mains abandoned or deactivated in the Amere [192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Not Applicable
There were no mains abandoned or deactivated in the Amere [192.603(b)][192.727(c)]  General Comment:	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Not Applicable Satisfactory
There were no mains abandoned or deactivated in the Amere [192.603(b)][192.727(c)]  General Comment: There were no mains abandoned or deactivated in the Amere	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?  The Kewanee territory.  Did the operator maintain documentation demonstrating that whenever service to a customer was discontinued access to gas was either; locked, prevented by a mechanical fitting, or disconnected from the gas supply	

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when air was e was not	Satisfactory
-	
ourging of abandoned pip	pelines.
or each rosses over, e waterway?	Not Applicable
•	
	Status
pressure limiting per year/15	Satisfactory
•	
and regulating om of 1 per	Satisfactory
<u> </u>	
ine sufficient umented at a	Satisfactory
ore than one required by agle regulating ording pressure district?	Satisfactory
system.	
h- or low- y unsatisfactory	Satisfactory

Unless otherwise noted, all code references are to 49CFR Part 192. If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Corrective actions are taken whenever high or low pressure co	nditions occur.	
[192.603(b)][192.743(a),192.743(b),192.195(b)(2)]	Is overpressure protection provided by the supplier pipeline downstream of the take point?	No
General Comment:		
The supplier will not guarantee overpressure protection downs	tream of the take-point.	
[192.603(b)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	Not Applicable
General Comment:		
Panhandle Eastern does not provide documentation regarding	over-pressurization protection to Ameren Kewanee.	
VALVE	MAINTENANCE	Status
[192.603(b)][192.747(a),192.747(b)]	Did the operator inspect and maintain distribution valves necessary for the safe operation of the system at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		
There are no vaults as part of Ameren Kewanee's territory.		
[192.603(b)][192.749(a)]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	Not Applicable
General Comment:		
There are no vaults as part of Ameren Kewanee's territory.		
Investiga	ation Of Failures	Status
[192.603(b)][192.617]	Did the operator experience accidents or failures requiring analysis?	Not Applicable
General Comment:		
Ameren Kewanee did not experience any accidents or failures	in 2011-2012.	
WELDING	OF STEEL PIPE	Status
Category Comment:		
All welding records are kept in the Decatur training center.		
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	Not Checked
[192.603(b)][192.227,192.229]	Does the operator have documentation of welder qualification documentation as required?	Not Checked
[192.709][192.243(b)(2)]	Does the operator have documentation of NDT personnel qualification as required?	Not Checked
[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	Not Checked

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Are persons making joints with plastic pipe qualified?  Are persons inspecting plastic pipe joints qualified?  Are qualified joining procedures for plastic pipe in place?	Not Checked
Are persons making joints with plastic pipe qualified?  Are persons inspecting plastic pipe joints qualified?  Are qualified joining procedures for plastic pipe in place?	
Are persons inspecting plastic pipe joints qualified?  Are qualified joining procedures for plastic pipe in place?	
Are qualified joining procedures for plastic pipe in place?	Not Checked
1	
	Not Checked
N CONTROL RECORDS	Status
Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?	Satisfactory
Has the operator maintained documentation of an examination when buried pipe was exposed?	Satisfactory
time a buried pipe is exposed to the atmosphere.	
Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	Satisfactory
-	
ime a buried pipe is exposed to the atmosphere.	
Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Not Applicable
,	
en Kewanee inspects rectifiers more often than the required intervals. Most of th	e observed records
Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	Not Applicable
wanee territory.	
Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	Satisfactory
	cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?  Has the operator maintained documentation of an examination when buried pipe was exposed?  time a buried pipe is exposed to the atmosphere.  Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?  time a buried pipe is exposed to the atmosphere.  Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?  Per Kewanee inspects rectifiers more often than the required intervals. Most of the atmosphere current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?

Prompt remedial action taken anytime deficiencies are found	d.	
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	Satisfactory
General Comment:		
There is no unprotected pipeline within the Ameren Kewane	e territory. All anodeless risers in service are currently being replaced.	
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation at casings?	Satisfactory
[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	Satisfactory
[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	Satisfactory
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	Satisfactory
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	Not Applicable
General Comment:	<u>.</u>	
The operator does not transport corrosive gas.		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	Not Applicable
General Comment:		
No pipeline was removed from this system in 2011-2012.		
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	Not Checked
General Comment:		
Coupons cut from the pipeline for any reason are sent to the determine the need for pipeline replacement.	e corrosion control department in Peoria. The location of the coupon is recorded	d and monitored to
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	Satisfactory
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	Satisfactory
[192.491][192.483(a),192.483(b),192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been	Satisfactory

	repaired or replaced with pipe that was coated and cathodically protected?	
TRAINING - 83 IL ADM. CODE 520		
[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	Not Checked
General Comment:		
All training records are located in the Pawnee op	erations center.	
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	Satisfactory
General Comment:		
Each operation center keeps record of these for a	each job in the job packets.	
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	Not Applicable
General Comment:		
Ameren Kewanee is not a municipal operator.		
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	Satisfactory
General Comment:		
Each employee is kept updated on changes to pr	rocedures via computer notification/training.	